(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

[Continued on next page]

(54) Title: SYSTEM AND METHOD RELATING TO MOBILITY IN A MOBILE COMMUNICATIONS SYSTEM
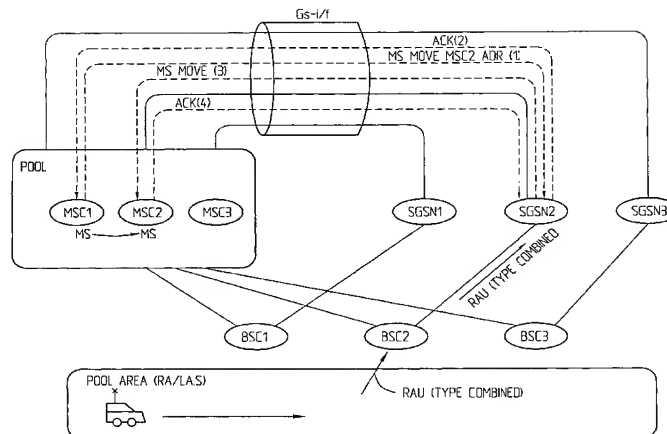
(57) Abstract: The present invention relates to a communication system supporting communication of data and comprising at least a first core network with a plurality of core network functional server nodes (CS core nodes; MCSs) for circuit switched communication and a second core network with a number of core network functional sever nodes (PS core nodes; SGSNs) for packet switched communication, wherein at least the CS core nodes are arranged in a pool to, in common, control a number of control nodes (BSCs). An interface (Gs) between CS core nodes and PS core nodes is used for providing information to CS core nodes from PS core nodes relating to mobility related events provided from an MS to a PS core node. Means are provided for, when a mobile station, MS, is moved from a first CS core node to a second CS core node, from either of said first and second CS core node involved in the change, providing the PS core node to which the MS is attached, with information relating to the change of CS core nodes from said first to said second CS core node.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.